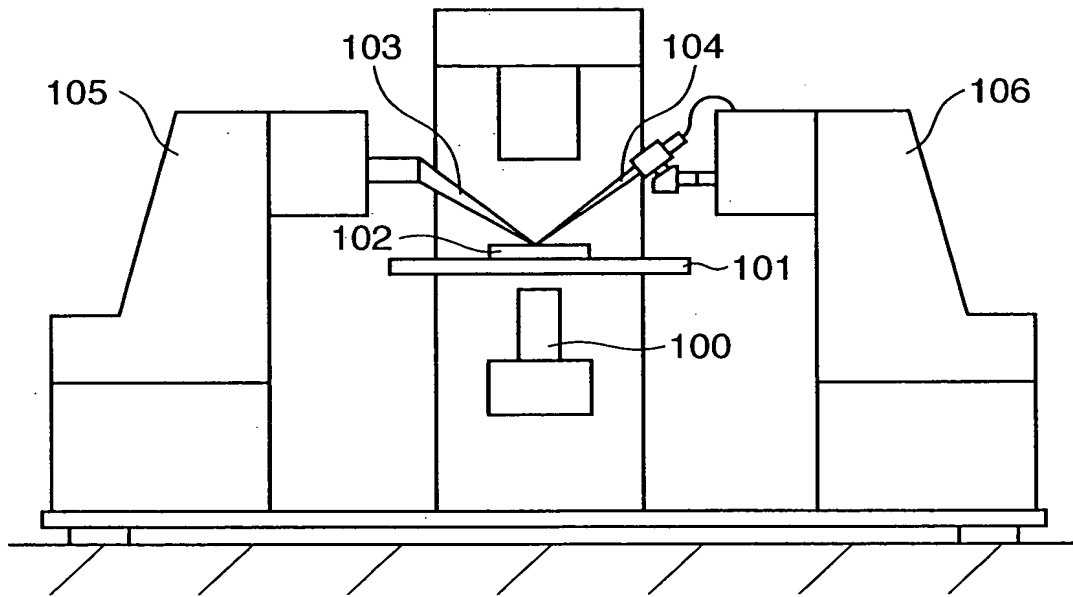


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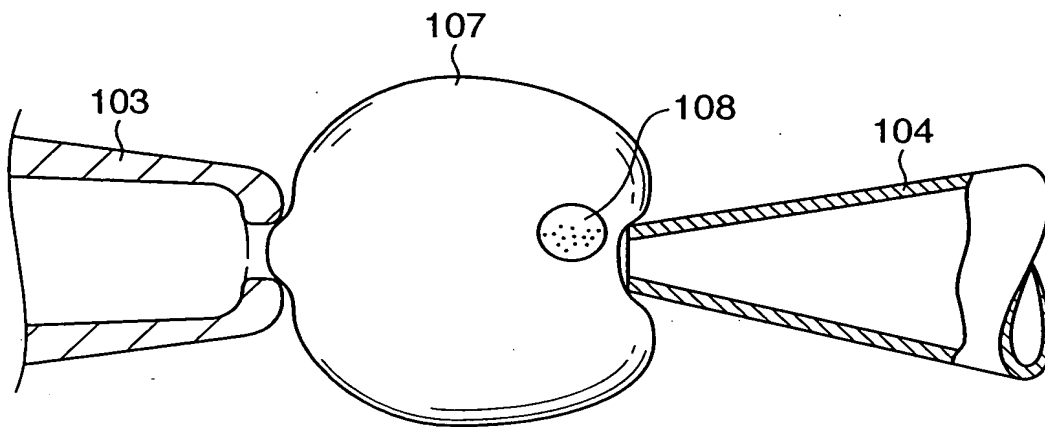


FIG. 16 (PRIOR ART)



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FIG. 17 (PRIOR ART)



REPLACEMENT SHEET

FIG. 18B (PRIOR ART)

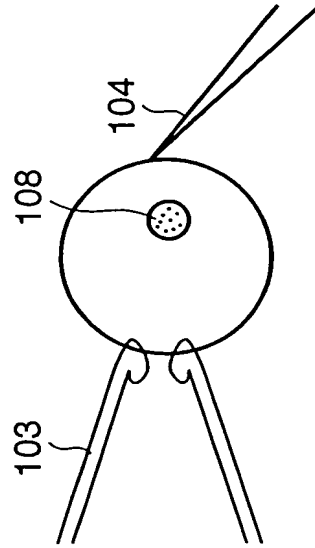
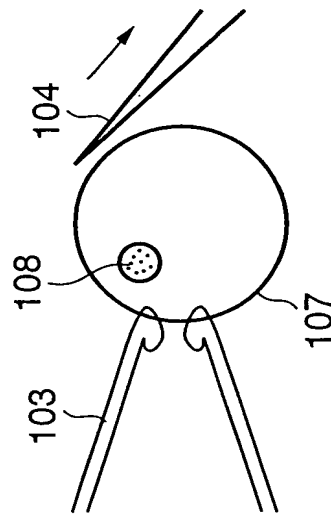


FIG. 18A (PRIOR ART)



# REPLACEMENT SHEET

U.S. PATENT APPLICATION  
INVENTOR: TADASHI HAYASHI  
TITLE: MANIPULATOR  
Sheet 4 of 4  
Docket No.: 00862.018049  
Appln. No.: 10/812,878  
Art Unit: 3652  
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## FIG. 19 (PRIOR ART)

